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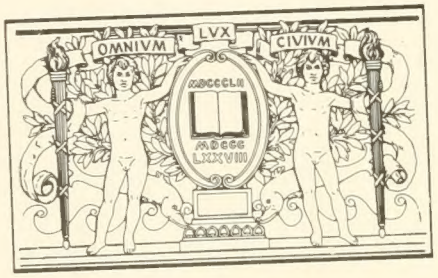

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Five Year
Boston School Enrollment Projections
1978-79 through 1983-84

I

Prepared by

Harbridge House, Inc.
11 Arlington Street
Boston, Massachusetts 02116

1 July 1979

HARBRIDGE
HOUSE
INC

Boston New York Washington Chicago Los Angeles London Paris Frankfurt am Main

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Acknowledgements

The study was prepared by Harbridge House, Inc. under the direction of Dr. John R. Dinkelspiel. George Lechter was responsible for the computer modeling, and Ann Damsgaard assembled the basic data, assisted by Beverly Patton.

Assistance in gathering data from School Department records and interpreting these data was provided by Dr. Louis Perullo, Director of Management Information. Dr. James Breeden and Dr. Perullo provided policy guidance for the study, and Dr. Breeden, Mr. Joseph Bishop of the state Department of Education, and Mr. Peter Scarpignato of the city Public Facilities Commission were the sponsoring parties.

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I. Introduction

The projections of school enrollments in Boston's public and non-public school presented in this report were developed as part of the Unified Facilities Plan ordered by the Federal District Court. The projections were prepared by Harbridge House, Inc., under contract with the Boston Public Facilities Commission, on behalf of the Boston School Department, the State Department of Education, and the Public Facilities Commission. All three agencies are parties to the court ordered plan.

The projections presented here represent a complete revision and substantial expansion of similar projections developed for the same agencies in June, 1977. The current projections are based on substantially improved enrollment data available from the Boston School Department and on improved methodologies. In consequence, the data, particularly at the district level, are significantly more reliable than the earlier projections. In addition, projections for actual (as opposed to assigned) enrollments, for bilingual student enrollments and for special needs student enrollments are presented for the first time.

Enrollment projections are also presented for non-public schools, that is, parochial and private schools. To facilitate comparison, these projections are aggregated within the same district boundaries as the public schools.

II. Findings

A. Citywide Enrollment Trends

The steep enrollment decline in the Boston public schools is continuing. Over the next five years enrollments are projected to decline by 18,207, or 25.2%. From the current (1978-79) level of 72,358, enrollments are projected to fall to 54,151 in 1983-84. These figures are shown in Table I-1

This steep decline continues the pattern noted in previous projections.[1] From a high of 96,247 students in 1970-71, the Boston public schools will have lost over 42,000 students in the thirteen year period to 1983-84 -- almost 44%. Over the last five years of this period, 1973-74 through 1978-79, enrollments have declined by 19,892, or 21.6%. The annual rate of decline has been steeper since the 1974-75 school year than it was in the preceding years.

At the same time, enrollments in Boston's non-public (parochial and private) schools have been declining somewhat less sharply. From a 1978-79 level of 24,381, enrollments in non-public schools are projected to fall to 20,218 in 1983-84, a decline of 17.1%. These figures are shown in Table V-1. This moderating rate of projected loss as compared to the public schools contrasts with

notably steeper rate of decline in non-public schools in earlier years. For instance, from 1968 to 1976 non-public school enrollments fell 27.0% as compared to a loss of 18.7% for public schools.

Common to the decline in both public and non-public school enrollments is the rapid decline in births in Boston. Since 1965 (when the students who will be seniors in 1983 were born), annual births in Boston have fallen from 13,112 to 6,996 in 1977. This is a decline of 46.6%. (See Exhibit 1)

Because many factors, like migration and changing school preferences, account for enrollment changes, it is not possible to be precise about the impact of the birth decline on actual public school enrollments. The following, however, provides a point of comparison. In the period during which 1983's seniors will be moving through the schools (1971-1983, excluding kindergarten) enrollments are projected to drop 43.7%. During the twelve year period following the birth year of that senior class (1965-1977) births dropped, as noted, 46.6%. The rate of decline of births is thus roughly parallel to the rate of decline of enrollments during comparable periods.

It should be emphasized that this comparison does not explain all the causes of enrollment declines. A variety of causes of fewer children attending Boston schools have been identified, if not always well documented. For instance, recent estimates by federal Census Bureau experts show Boston to be almost unique among larger, older cities in experiencing a continually growing rate of out-migration.[2] This is likely to be a significant long-run factor in declining enrollments. The full causes of enrollment declines -- from the desegregation order, to the changing popularity of the type of education provided in parochial schools, to changing urban demographic patterns, to "white flight" -- have yet to be explained. It seems clear, nonetheless, that the sharply declining birth rate has played a major role in falling school enrollments in Boston.

The projected enrollment decline does not affect equally all levels of the public school system. Past fluctuations in the size of entering classes, changes in feeder school patterns caused by past shifts in district lines, school closings and openings, and changing family decisions about enrollment in public or non-public schools -- these and other factors have created variations in the size of the age cohorts moving through the schools. Figures in Tables I-2 through I-10 display these differential effects. Elementary school enrollments are projected to drop 30.1% by 1983 from the 1978-79 level, and middle schools 31.4%. High schools, however, are projected to decrease only 16.0%.

The foregoing analysis of enrollment trends has been based on assigned enrollments, that is, on the number of students assigned to each of the city's public schools as of October 1 of each year. In practice, many of the

EXHIBIT 1

Births in the City of Boston
1963-1977

1963	14,635
1964	14,249
1965	13,112
1966	12,776
1967	12,157
1968	11,646
1969	11,057
1970	11,217
1971	10,275
1972	8,926
1973	8,168
1974	7,778
1975	7,481
1976	7,098
1977	6,966

Source: Office of Health Statistics, Massachusetts Department of Public Health; Harbridge House, Inc.

students do not attend their assigned their schools for a variety of reasons, ranging from moving out of the city to transferring to another school.

Tables IV-1 through IV-10 present enrollment projections based on actual enrollments. (Actual enrollments are defined as assigned enrollments less "Did Not Report" -- DNR). Citywide, actual enrollments are projected to be lower than assigned enrollments by 7.5 - 8.0%. The variations in different grades, however, are substantial. In the elementary schools after first grade, DNR's tend to be 2 - 3%. In the middle schools they tend to rise to the 3-5% range. In the ninth grade, however, there is a sharp drop, with about a 20% difference between assigned and actual enrollments. In some districts, the drop at the ninth grade level is as large as 35% or more. The annual "loss" of assigned students continues through tenth and eleventh grades at a slightly lower level, but largely disappears in the twelfth grade.

While the School Department has recently maintained detailed records of DNR's, these have not yet been analyzed on an aggregate basis to determine the pattern of reasons for this "loss" of students. Since the proportion of students who "did not report" varies widely across grades and districts, it seems likely that the pattern of reasons will vary widely as well. It is clear, nonetheless, that the transition from elementary to middle schools and from middle to high schools is significantly associated with these losses.

The projections of actual enrollments are based on a statistical analysis of past enrollments. Specifically, actual enrollments are projected separately for each grade and district based on the average percentage of DNR's compared to assigned enrollments in that grade and district over the last three years (1976-1978).

B. Longer Range Trends

Projections beyond 1983-84 are beyond the scope of this report. Some general observations are possible, however. The number of births in Boston is probably at its lowest level now. In 1976 there were 7,098 births, and in 1977, 6,996. In 1978 the figure will probably be a little over 7,000. The stability of these numbers may be compared with the earlier sharp declines shown in Exhibit 1.

Projections of the number of births after 1978 are largely a function of the number of fertile women (ages 15-44) in Boston and their fertility rate, that is, the number of children born per thousand women age 15-44. According to population estimates prepared by the Office of State Health Planning, the number of women aged 15-44 is projected to increase slowly (less than 1% annually) over the next several years.[3] The future fertility rate, on the other hand, is a subject of considerable speculation. There are some indications that the steep decline of

recent years is leveling off.[4] The slow increase in the number of women 15-44, plus a stabilizing fertility rate, will likely translate into a gradual increase in births in Boston.

If the number of births in Boston is indeed on the increase again, even if only gradually, then the school age population may stabilize in the late 1980's or early 1990's. Whether this in turn will be reflected directly in public school enrollments depends in part on the future attractiveness of parochial and private schools as alternatives to the public school system, and in part on the net outmigration from the city of families with children.

C. District and Program Enrollment Trends

District level projections are of significantly better quality in the current study than they were in the previous study. This results in part from a substantially improved data base available from the School Department. Because some of the principal users of these data will be the District Planning Groups as they participate in the unified facilities planning process, this improvement in the reliability of the projections should have a measurable impact on the quality of long-term planning.

Variations among districts in future enrollment trends, as shown in Tables I-2 through I-10, are substantial. The projected decline in enrollments from 1978 to 1983 ranges from 19.2% in District 7 to 35.6% in District 3. These declines compare with the citywide average of 25.2%. Within districts at the level of elementary, middle and high schools, the pattern of variation is somewhat different. Declines in the elementary schools tend to be fairly uniform among all districts, within a range of 2 - 3% over the five year period. In the middle schools, however, the declines range from 20.5% in District 7 to 46.7% in District 3. The range in the high schools is even greater.

The range of variation by district among school levels is largely a reflection of the varying pattern of attendance at District 9 schools. In District 8, for instance, the proportion of students going to magnet schools at the high school level averages about 22%. In District 2, however, the average magnet school attendance for high school children is about 58%. Such large differences in magnet school attendance patterns of course have proportionate impacts on attandance at the sending schools.

In order to project the number of children attending magnet schools, some assumption about the proportion of children in each district and grade who would choose to go to magnet schools rather than to district schools was required. The assumption used in this study -- supplied by the School Department -- was that the proportion of children being sent to magnet schools by each district in 1978-79

would remain constant in future years. While this assumption is unlikely to prove true in fact, School Department policies regarding future magnet school programs are not yet formulated in such a way as to permit a qualitatively better assumption.

To the extent to which magnet school attendance patterns differ from those assumed here, therefore, attendance at district schools, principally at the middle and high school levels, will also vary from those projected here. Changes in future magnet school attendance patterns will not affect citywide enrollment projections, since they represent only inter-district transfers and not changes in total school enrollments. They may, however, cause significant changes in the district middle school and high school enrollment projections from those presented here.

Projections for enrollments in bilingual and special needs programs are presented in Tables II-1 through II-10, and III-1 through III-10, respectively. These projections have been developed primarily to assist planners at the district level. They do not represent a substantive analysis of the likely size of these student groups in the future. For instance, no separate analysis of the numbers of non-English speaking children coming into the city or into the public schools has been made. The projections in this study are based on an assumption, provided by the School Department, that the ratio of special needs and bilingual students to assigned enrollments in each grade and district in 1978-79 would remain the same through 1983-84.

Clearly there will be changes in demographic and student enrollment patterns among bilingual students and in program policies affecting special needs students that will change enrollments in these programs from current levels. Neither the data nor the policies which would permit quantification of these changes are presently available, however. Thus the numbers presented here are to be seen more as planning aids than as bona fide enrollment projections of changes in the size of these two student populations.

D. Non-public School Enrollments

The projected rate of decline of non-public school enrollments is less steep than that projected for the public schools. As shown by the figures in Table V-1, non-public school enrollments are projected to decrease by 17.1% between 1978-79 and 1983-84. This compares with a drop of 25.2% in the same period in the public schools, and a drop of only 7.7% in the previous five years (1973-1978) in the non-public schools.

District level data presented in Tables V-2 through V-10 are significantly less reliable than the citywide total for non-public schools because non-public schools are not organized along the district lines of the public school

system. Individual non-public school data have been aggregated on a district basis to facilitate the task of district level planners. The non-public school category includes both parochial schools (80-90% of the total) and other private schools. Thus the non-public school data for a particular district have only a statistical reality, and do not reflect actual relationships among these schools. The artificiality of these district level data, therefore, reduces the reliability of the district level projections.

E. Accuracy of Projections

The projections of assigned citywide enrollments were subjected to standard statistical measures of reliability. These measures show that 50% of the projected figures will fall within the following ranges:

1979-80 $\pm$ 2.54%

1980-81 $\pm$ 2.95%

1981-82 $\pm$ 3.41%

1982-83 $\pm$ 3.90%

1983-84 $\pm$ 4.39%

Because of improved data and methodologies, this predicted accuracy is substantially better than that of previous projections for which 25% of the projected figures fell within roughly the same ranges.

District projections were subjected to an additional test. The sum of the projections done individually for the nine districts was compared to projections based on a single citywide total. The latter projections should be more accurate because they were derived from a larger data set. A comparison of the annual projections derived from these two approaches shows an average annual difference of 1.6%.

III. Recommendations

The methodology used in this study has the characteristic that data deficiencies can be identified through successive iterations and then corrected, thus improving the quality of the results. The reliability of the projections in this study, for instance, have been improved significantly compared to those in the previous study in part by improvements in the earlier data base. The School Department will have the capability to make projections in the future using the computer techniques and data bases acquired through this study. Future iterations of this model by the Department should, therefore, aid in improving the quality of the data base, and thus of the enrollment projections.

There are in addition, however, some important extensions of the data bases which are required if weaknesses in the current projections are to be eliminated. Our recommendations identify the steps needed to eliminate these weaknesses.

1. Census of School Age Children

There are a number of legal and management reasons for the School Department to make each year an accurate and complete count of children aged 3-21. If an improved school census is undertaken, it would be in response to these reasons. In addition, however, the pattern of school going in Boston is such that the absence of this count also weakens the reliability of longer range enrollment projections.

The problem stems from the large portion of children attending non-public schools. The most appropriate starting place for enrollment projections is the total number of children of school going age (3-21) living in the city. In jurisdictions where almost all children to go public schools, the absence of a school age census is not as serious a problem in making projections. In Boston, however, almost one-quarter of the children attend non-public schools, and so the number of children attending public schools is a function of both the population of school age children and the attractiveness of the non-public schools.

In terms of making enrollment projections this means that there is an interdependence between future enrollments in both systems: in principle losses to one system must show up as gains to the other system. But if the total number of children available to attend school is not known, then this interaction cannot be modeled. The result is that enrollment projections must be modeled independently for the public and for the non-public systems, as was done in this study.

On a short term basis, perhaps 3 years -- assuming that school going preferences do not change suddenly during this time, the resulting projections will be fairly reliable, even in the absence of a census. But if the attractiveness of parochial schools in Boston increases suddenly again, as it did during the height of the intergration crisis, then the accuracy of the projections will be diminished considerably. In other words, not knowing how many school age children there are in Boston in total makes it harder to know if the relative proportions of children in public and parochial schools are reliable.

The availability of an accurate and complete school age census would thus contribute significantly to the reliability of enrollment projections. We recommend, therefore, that the School Department conduct a complete and accurate annual census of school age children.

2. Bilingual and Special Needs Student Populations

The special support and instructional needs of bilingual and special needs students make it particularly desirable that more accurate projections of these populations be developed. The projections presented in this study for these populations were produced, as noted, by using the assumption that the proportion of these groups in the total student population would remain constant. While this is clearly not correct, data to provide a better assumption are not now available.

The number of students requiring bilingual instruction is largely a function of inmigration rates of non-english speaking city residents. Systematic efforts to calculate these immigration rates have not been undertaken. As noted in the "Recommendations" of our 1977 report, a logical place to start such an analysis is with the Hispanic speaking population, who contribute the largest number of children to the bilingual program.

The 1980 federal census is unlikely to fill this data void satisfactorily. First, because this level of detail (age and primary language) is not likely to be available before 1982. Second, because the information by nature changes rapidly. An accurate annual school age census would help in solving this problem. In the absence of this census, however, we recommend that the School Department develop techniques for estimating the rate of change of bilingual student populations. These estimating techniques will probably depend on developing close working relationships with each of the major language communities.

Studies estimating the incidence of various types of learning handicaps in the national population are available. While improving the accuracy of these studies as they apply to Boston is a worthwhile undertaking, the chief factor governing the number of special needs students actually served by the public schools is probably the manner in which the program itself is administered by the School Department. Thus, more accurate projections of the special needs population is primarily dependent on a fuller specification of the School Department's longer range policies in this area.

3. Parochial School Attendance

The interrelationship between public and non-public school going, as noted above, is important in making good enrollment projections. By far the largest part of the non-public "system" is the parochial schools. The pattern of parochial school attendance, both nationally and in Boston, has been undergoing fairly rapid and significant changes in recent years. The past is not, therefore, as reliable a guide to the future as one would like for making projections.

The Archdiocese is currently undertaking its own study of future enrollment trends in its schools. We believe that greatly increased cooperation at the working level between the public and the parochial school systems could contribute to better knowledge on both sides. We recommend that the School Department initiate such a cooperative effort.

References

1. Boston School Enrollment Projections; 1977-1981, 1986, Harbridge House, Inc., 1 June 1979

2. "Rural Renaissance Reconsidered," Richard A. Engels and Mary Kay Healy; American Demographics, May, 1979.

3. Information provided by Dr. Robert A. Danley, Office of State Health Planning, Massachusetts Department of Public Health.

4. United States, Bureau of the Census, "Projections of the Population of the United States: 1975-2000," Series P-25.

Tables

Table I-1

ASSIGNED ENROLLMENTS
CITYWIDE TOTALS
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	8264	25,598	17,206	21,290	72,358
1979	7276	23,434	16,090	21,461	68,262
1980	6998	21,654	14,829	21,121	64,602
1981	6660	20,253	13,665	20,228	60,806
1982	6544	18,982	12,605	19,077	57,210
1983	6585	17,889	11,796	17,881	54,151

Table I- 2

ASSIGNED ENROLLMENTS
DISTRICT ONE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	649	2051	1452	1328	5480
1979	546	1887	1376	1350	5160
1980	525	1737	1326	1267	4855
1981	500	1631	1224	1212	4568
1982	491	1537	1131	1143	4301
1983	494	1442	1063	1089	4088

Table I- 3

ASSIGNED ENROLLMENTS
DISTRICT TWO
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	933	2715	1539	1106	6293
1979	855	2456	1439	1074	5824
1980	823	2243	1315	1015	5398
1981	783	2053	1253	927	5017
1982	769	1918	1135	828	4650
1983	774	1834	1015	770	4393

Table I- 4

ASSIGNED ENROLLMENTS
DISTRICT THREE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	1034	2640	1820	1475	6969
1979	961	2351	1609	1424	6343
1980	924	2149	1376	1286	5736
1981	879	1985	1256	1108	5229
1982	864	1873	1088	979	4804
1983	869	1796	971	849	4487

Table I-5

ASSIGNED ENROLLMENTS
DISTRICT FOUR
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	966	2432	1591	1133	6122
1979	915	2223	1467	1137	5742
1980	880	2063	1316	1116	5375
1981	837	1949	1209	1050	5047
1982	823	1810	1133	1004	4768
1983	828	1724	1045	916	4511

Table I- 6

ASSIGNED ENROLLMENTS
DISTRICT FIVE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	1556	5165	3002	2103	11,826
1979	1211	4778	2795	2023	10,806
1980	1165	4430	2616	1930	10,141
1981	1108	4173	2403	1857	9,540
1982	1089	3909	2268	1749	9,015
1983	1096	3615	2214	1645	8,570

Table I- 7

ASSIGNED ENROLLMENTS
DISTRICT SIX
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	940	2941	1960	1070	6911
1979	872	2679	1837	1066	6453
1980	839	2476	1662	1093	6070
1981	798	2333	1419	1144	5694
1982	784	2227	1254	1080	5344
1983	789	2116	1155	979	5039

Table I- 8

ASSIGNED ENROLLMENTS
DISTRICT SEVEN
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	781	2767	1414	1184	6146
1979	700	2578	1369	1279	5925
1980	673	2412	1279	1330	5693
1981	640	2244	1225	1317	5426
1982	629	2087	1179	1290	5184
1983	633	1971	1124	1241	4967

Table I- 9

ASSIGNED ENROLLMENTS
DISTRICT EIGHT
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	477	1399	936	1200	4012
1979	403	1282	910	1270	3864
1980	388	1178	889	1284	3739
1981	369	1116	810	1251	3547
1982	363	1035	758	1208	3364
1983	365	972	707	1164	3206

Table I-10

ASSIGNED ENROLLMENTS
DISTRICT NINE

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	928	3488	3492	10,691	18,599
1979	813	3203	3290	10,840	18,146
1980	782	2967	3047	10,797	17,593
1981	745	2769	2865	10,362	16,738
1982	732	2589	2661	9798	15,780
1983	736	2421	2503	9231	14,890

Table II-1

BILINGUAL
CITYWIDE TOTALS
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	544	2254	1002	1237	5036
1980	523	2079	931	1226	4759
1981	498	1946	859	1188	4491
1982	489	1827	790	1123	4230
1983	492	1727	741	1061	4018

Table II- 2

BILINGUAL
DISTRICT ONE

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	82	316	137	161	696
1980	79	290	131	150	651
1981	75	273	122	145	616
1982	74	257	112	136	580
1983	75	242	106	129	551

Table II- 3

BILINGUAL
DISTRICT TWO
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	93	313	145	111	660
1980	89	285	132	105	612
1981	85	262	127	98	570
1982	83	246	114	87	530
1983	84	237	103	80	502

Table II- 4

BILINGUAL
DISTRICT THREE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	43	143	93	54	332
1980	41	131	80	49	301
1981	39	122	72	42	276
1982	38	114	63	37	254
1983	39	110	56	32	237

Table II- 5

BILINGUAL
DISTRICT FOUR

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	13	3	0	0	16
1980	13	3	0	0	15
1981	12	3	0	0	15
1982	12	3	0	0	14
1983	12	3	0	0	14

Table II- 6

BILINGUAL
DISTRICT FIVE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	48	316	121	1	486
1980	46	292	113	1	453
1981	44	276	104	1	425
1982	43	259	98	1	401
1983	44	240	98	1	381

Table II- 7

BILINGUAL
DISTRICT SIX
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	43	266	147	47	503
1980	41	246	135	51	473
1981	39	233	114	54	441
1982	38	222	101	52	413
1983	39	211	93	45	390

Table II- 8

BILINGUAL
DISTRICT SEVEN
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	155	457	151	231	994
1980	149	425	140	239	955
1981	142	395	135	238	911
1982	139	371	131	231	872
1983	140	352	123	222	837

Table II- 9

BILINGUAL
DISTRICT EIGHT

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	22	134	72	109	337
1980	21	122	71	109	322
1981	20	117	65	106	307
1982	20	109	59	104	289
1983	20	101	56	99	276

Table II-10

BILINGUAL
DISTRICT NINE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	45	307	139	522	1013
1980	43	284	129	520	976
1981	41	265	120	505	931
1982	40	248	112	477	877
1983	40	233	106	451	829

Table III-1

SPECIAL NEEDS
CITYWIDE TOTALS
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	146	3984	2722	2026	8878
1980	140	3674	2506	1987	8308
1981	134	3426	2296	1899	7756
1982	131	3188	2113	1786	7219
1983	132	2981	1985	1665	6765

Table III- 2

SPECIAL NEEDS
DISTRICT ONE

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	9	277	281	127	694
1980	9	256	271	118	653
1981	8	241	250	113	610
1982	8	224	231	107	569
1983	8	208	217	102	536

Table III- 3

SPECIAL NEEDS
DISTRICT TWO
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	10	425	251	72	759
1980	10	385	229	67	692
1981	9	345	219	63	637
1982	9	319	197	55	581
1983	9	302	176	52	540

Table III- 4

SPECIAL NEEDS
DISTRICT THREE

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	33	477	349	165	1025
1980	32	433	301	148	915
1981	31	396	273	127	827
1982	30	373	238	112	753
1983	30	357	211	98	696

Table III- 5

SPECIAL NEEDS
DISTRICT FOUR
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	17	283	232	181	714
1980	16	262	211	177	667
1981	16	247	193	169	626
1982	15	228	180	161	584
1983	15	216	167	148	545

Table III- 6

SPECIAL NEEDS
DISTRICT FIVE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	16	773	485	234	1508
1980	15	720	456	223	1415
1981	14	683	417	215	1329
1982	14	631	395	201	1242
1983	14	575	391	189	1170

Table III- 7

SPECIAL NEEDS
DISTRICT SIX
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	18	516	364	152	1049
1980	17	473	323	157	970
1981	16	447	277	163	903
1982	16	424	244	153	837
1983	16	400	227	137	780

Table III- 8

SPECIAL NEEDS
DISTRICT SEVEN
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	11	377	205	132	726
1980	10	352	192	137	692
1981	10	327	184	135	656
1982	10	301	178	132	620
1983	10	283	168	124	585

Table III- 9

SPECIAL NEEDS
DISTRICT EIGHT
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	8	254	193	148	605
1980	8	233	187	149	579
1981	8	221	169	146	544
1982	8	204	158	142	512
1983	8	190	150	136	483

Table III-10

SPECIAL NEEDS
DISTRICT NINE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	24	603	362	813	1800
1980	23	559	336	807	1725
1981	22	520	314	768	1623
1982	21	484	293	724	1521
1983	21	451	277	681	1430

Table IV-1

ACTUAL ENROLLMENTS
CITYWIDE TOTALS
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	6,699	22,593	15,346	18,419	63,056
1980	6,443	20,870	14,126	18,154	59,594
1981	6,132	19,503	13,018	17,424	56,078
1982	6,025	18,279	12,000	16,458	52,761
1983	6,062	17,200	11,224	15,439	49,925

Table IV- 2

ACTUAL ENROLLMENTS
DISTRICT ONE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	474	1,753	1,318	1,170	4,714
1980	456	1,612	1,270	1,095	4,433
1981	434	1,511	1,173	1,049	4,168
1982	426	1,425	1,081	990	3,921
1983	429	1,335	1,017	942	3,724

Table IV-3

ACTUAL ENROLLMENTS
DISTRICT TWO
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	763	2,332	1,448	750	5,295
1980	734	2,131	1,323	708	4,897
1981	699	1,949	1,261	648	4,557
1982	687	1,820	1,142	576	4,226
1983	691	1,741	1,023	537	3,990

Table IV- 4

ACTUAL ENROLLMENTS
DISTRICT THREE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	869	2,250	1,701	1,324	6,144
1980	836	2,057	1,452	1,195	5,539
1981	796	1,896	1,328	1,025	5,043
1982	782	1,788	1,148	909	4,626
1983	786	1,714	1,026	790	4,316

Table IV-5

ACTUAL ENROLLMENTS
DISTRICT FOUR
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	922	2,177	1,364	843	5,305
1980	886	2,020	1,223	822	4,953
1981	844	1,907	1,121	796	4,668
1982	829	1,769	1,055	764	4,418
1983	834	1,685	972	699	4,190

Table IV- 6

ACTUAL ENROLLMENTS
DISTRICT FIVE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	1,132	4,558	2,717	1,851	10,256
1980	1,089	4,227	2,543	1,761	9,620
1981	1,036	3,977	2,335	1,696	9,044
1982	1,018	3,727	2,205	1,603	8,553
1983	1,025	3,433	2,155	1,505	8,120

Table IV- 7

ACTUAL ENROLLMENTS
DISTRICT SIX
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	834	2,667	1,696	870	6,068
1980	802	2,463	1,534	898	5,697
1981	764	2,318	1,310	940	5,331
1982	750	2,211	1,157	901	5,020
1983	755	2,100	1,066	816	4,736

Table IV- 8

ACTUAL ENROLLMENTS
DISTRICT SEVEN

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	570	2,418	1,236	949	5,173
1980	548	2,265	1,154	991	4,958
1981	522	2,107	1,107	979	4,715
1982	513	1,956	1,065	958	4,493
1983	516	1,845	1,014	929	4,304

Table IV-9

ACTUAL ENROLLMENTS
DISTRICT EIGHT

FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	390	1,260	926	1,140	3,716
1980	375	1,161	904	1,186	3,625
1981	357	1,096	825	1,158	3,436
1982	351	1,016	769	1,111	3,246
1983	353	953	719	1,069	3,093

Table IV- 10

ACTUAL ENROLLMENTS
DISTRICT NINE
FIVE YEAR ENROLLMENT PROJECTIONS
PUBLIC SCHOOL SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1979	744	3,175	2,943	9,525	16,387
1980	716	2,938	2,721	9,498	15,872
1981	681	2,743	2,560	9,132	15,115
1982	669	2,564	2,378	8,645	14,256
1983	674	2,395	2,234	8,152	13,455

Table V-1

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
CITYWIDE TOTALS
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	543	9,014	5,721	9,103	24,381
1979	361	8,588	5,505	9,275	23,729
1980	347	8,130	5,347	9,014	22,838
1981	331	7,630	5,244	8,731	21,936
1982	325	7,114	5,173	8,349	20,961
1983	327	6,627	5,084	8,177	20,215

Table V- 2

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT ONE

FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	49	1,078	965	1,548	3,640
1979	34	1,037	899	1,555	3,524
1980	33	998	832	1,500	3,363
1981	31	940	775	1,445	3,190
1982	31	884	764	1,324	3,002
1983	31	823	759	1,242	2,856

Table V- 3

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT TWO
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	131	473	255	0	859
1979	67	430	231	0	728
1980	65	385	231	0	681
1981	62	363	215	0	640
1982	61	335	198	0	594
1983	61	314	180	0	555

Table V-4

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT THREE
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	32	1,648	990	1,889	4,559
1979	25	1,587	1,015	1,944	4,570
1980	24	1,505	1,052	1,950	4,530
1981	23	1,409	1,063	1,944	4,439
1982	22	1,297	1,080	1,969	4,368
1983	22	1,202	1,062	2,020	4,305

Table V-5

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT FOUR

FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	16	541	336	0	893
1979	13	523	333	0	869
1980	13	505	310	0	828
1981	12	478	309	0	799
1982	12	459	298	0	769
1983	12	437	294	0	743

Table V- 6

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT FIVE
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	97	2,216	1,369	535	4,217
1979	64	2,092	1,328	551	4,037
1980	62	1,971	1,251	521	3,804
1981	59	1,849	1,214	489	3,612
1982	58	1,728	1,176	460	3,422
1983	58	1,604	1,151	447	3,261

Table V- 7

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT SIX
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	108	1,612	922	2,307	4,949
1979	48	1,524	857	2,310	4,740
1980	46	1,440	831	2,171	4,489
1981	44	1,347	821	2,039	4,252
1982	43	1,255	804	1,864	3,966
1983	43	1,173	788	1,747	3,752

Table V-8

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT SEVEN
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	83	920	519	2,363	3,885
1979	88	892	514	2,439	3,933
1980	84	841	531	2,422	3,876
1981	80	789	535	2,376	3,779
1982	79	736	539	2,315	3,668
1983	79	677	532	2,348	3,637

Table V-9

NON PUBLIC SCHOOLS
ASSIGNED ENROLLMENTS
DISTRICT EIGHT
FIVE YEAR ENROLLMENT PROJECTIONS
SUMMARIES BY LEVEL

Year	K	1-5	6-8	9-12	TOTAL
1978	27	526	365	461	1,379
1979	22	501	330	475	1,328
1980	21	487	310	451	1,268
1981	20	455	316	438	1,228
1982	19	421	313	415	1,170
1983	20	394	317	375	1,105

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Five Year
Boston School Enrollment Projections
1978-79 through 1983-84

Supplement

1 July 1979

This supplement to the Harbridge House report on school enrollment projections contains additional detailed and technical data. These data are intended for the internal use of the School Department.

An "Explanatory Key" is provided to assist in understanding the format in which these data are presented.

Explanatory Key: Supplementary School Enrollment Projection Data

Assigned Enrollments -- Public Schools

Basic data shown are 10 years of enrollments by grade.

- The first bloc of five lines (1974, 1975...1978) are historical enrollment and birth data.
- The second bloc of five lines (1979...1983) are projected enrollments, and actual births.
- The years shown in the first column are school years, and are to be read as follows:

  1974 = school year 1974-75

  1975 = school year 1975-76

  etc.

- The numbers shown in the second column are actual births, citywide, for the year six years earlier than that shown. For instance, for the line labeled 1974 (which is the 1974-75 school year) the births shown are those for 1968. (The reason for the six year interval is explained below under "Ratios.")
- The numbers shown in the column headings, K, 1, 2..., are grades.
- The last column shows the total enrollment in that district for all grades for the indicated school year.
- Citywide totals are shown after the data for all nine districts are presented. These figures, labeled "Run Total," are the sum of the previously calculated data for the nine districts, and thus no separate survival ratios were calculated.

Ratios

- The third bloc of five lines shows the cohort survival ratios for the five years of historical enrollments. These

ratios express the relationship between the number of children in a class one year and the number in that same class the following year in the next higher grade. Thus the survival ratio between a fourth grade class of 200 and the fifth grade class of 180 the following years is .900. A ratio greater than 1.0 indicates that students were added to a class in excess of those who left.

- The years shown in the first column, e.g. 1974-75, refer to two successive school years, in this case school year 1974-75 and school year 1975-76. The ratios in the 1974-75 line thus represent the "survival" of students from the 1974-75 school year into 1975-76.

- Ratios are calculated to the next grade, e.g. fifth grade to sixth grade, with two exceptions. A survival ratio was calculated from birth to first grade, because this relationship is more stable than the birth to kindergarten ratio. Kindergarten ratios were calculated "backward," from first grade to kindergarten.

- The "average for survival ratios" is the numerical average of the preceding four complete years' ratios. This average ratio is the basis of subsequent projections.

- The 1978-79 line is blank except for the birth-to-first grade column, since this would represent the relationship between the current year and next year's (1979-80) enrollment. The B-1 column figure is needed to project a kindergarten enrollment in 1983-84.

Magnet Schools

- The "magnet school contribution ratio" is the percentage of children in a particular grade being sent by that district to the District 9 schools. Thus .247 in the third grade column means that 24.7% of all third grade children attending public schools from that district are attending District 9 schools.

Actual Enrollments

- No historical data for actual enrollments are presented. The five lines of data shown are projections.

- The "Actual/Assigned Ratio" is the average of the three preceeding years' (1976-1978) actual enrollments to assigned enrollments, by grade and district. The projections of actual enrollments shown were produced by multiplying this ratio by the projected assigned enrollments for each year and grade.

Bilingual and Special Needs

- No historical data for actual enrollments are presented. The five lines of data shown are projections.

- The "Number/Assigned Ratio" is the percentage of bilingual or special needs students in each grade and district for the current (1978-79) school year. Projections for future enrollments of these two groups were produced by multiplying this ratio by the projected assigned enrollments for each year and grade.

Assigned Enrollments -- Non-Public Schools

- These projections are equivalent to the assigned enrollments for the public schools. They are based on enrollment data for individual private and parochial schools, as aggregated by Harbridge House into the public school districts. For districts showing no projections in the upper grades, there are no non-public schools within that district serving students in those grades.

- The survival ratios were calculated and are displayed in a manner similar to the equivalent data for public schools.

Boston School Enrollment Projections

1979-80 through 1983-84

Public Schools

Assigned Enrollments

Harbridge House, Inc.
1 July 1979

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 1															
1974	11646	896	575	506	532	506	551	656	467	447	463	523	440	413	6977
1975	11057	718	563	541	480	484	482	703	608	465	350	283	341	487	6505
1976	11217	650	535	407	440	373	406	572	555	470	419	416	316	277	5836
1977	10275	677	499	449	400	399	367	557	512	458	419	328	255	235	5555
1978	8926	649	488	402	382	396	383	535	470	447	424	356	334	214	5480
1979	8168	546	410	404	361	342	370	507	462	407	391	364	303	292	5160
1980	7778	525	391	339	363	324	320	489	437	400	357	336	309	265	4855
1981	7481	500	376	323	305	325	302	423	422	379	350	306	285	271	4568
1982	7120	491	358	311	291	273	304	400	365	366	332	301	260	250	4301
1983	6996	494	352	296	279	260	255	402	345	316	320	285	256	228	4088

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.049	.628	.941	.949	.910	.953	1.276	.924	.996	.783	.611	.652	1.107
1975-76	.051	.745	.723	.813	.777	.839	1.187	.789	.773	.901	1.189	1.117	.812
1976-77	.048	.768	.839	.983	.907	.984	1.372	.895	.825	.891	.783	.613	.744
1977-78	.049	.721	.806	.851	.990	.960	1.458	.844	.873	.926	.850	1.018	.839
1978-79	.055	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.050	.715	.827	.899	.896	.934	1.323	.863	.867	.875	.858	.850	.876

MAGNET SCHOOL CONTRIBUTION RATIO

.198	.224	.247	.291	.249	.296	.114	.243	.184	.425	.473	.413	.437

*** *** *** *** *** *** _ *** *** *** *** *** ***
*** *** *** *** *** *** _ *** *** *** *** *** ***

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 2															
1974	11646	1275	857	820	782	799	864	808	625	584	227	350	218	144	8353
1975	11057	1191	654	575	583	608	623	780	613	519	337	269	209	181	7142
1976	11217	1009	705	598	593	584	584	615	688	579	355	293	201	150	6954
1977	10275	974	688	595	561	540	513	658	607	551	374	250	185	134	6630
1978	8926	933	580	528	557	529	521	528	545	466	412	310	224	160	6293
1979	8168	855	535	464	477	506	474	527	456	456	309	370	223	172	5824
1980	7778	823	509	428	419	434	453	479	455	381	302	277	265	171	5398
1981	7481	783	490	407	387	381	388	458	414	381	253	271	199	204	5017
1982	7120	769	466	392	368	351	341	393	396	346	253	227	195	153	4650
1983	6996	774	458	373	354	334	315	345	339	331	230	227	163	150	4393

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.074	.513	.671	.711	.777	.780	.903	.759	.830	.577	1.185	.597	.830
1975-76	.059	.592	.914	1.031	1.002	.961	.987	.882	.945	.684	.869	.747	.718
1976-77	.063	.682	.844	.938	.911	.878	1.127	.987	.801	.646	.704	.631	.667
1977-78	.067	.595	.767	.936	.943	.965	1.029	.828	.768	.748	.829	.896	.865
1978-79	.065	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.066	.596	.799	.904	.908	.896	1.011	.864	.836	.664	.897	.718	.770

MAGNET SCHOOL CONTRIBUTION RATIO

.155	.139	.154	.160	.208	.201	.163	.272	.286	.541	.584	.627	.552

*** *** *** *** *** *** _ *** *** *** *** *** ***
*** *** *** *** *** *** _ *** *** *** *** *** ***

*

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 3															
1974	11646	1774	899	913	955	930	976	1165	874	706	421	411	315	265	10604
1975	11057	1345	823	740	769	812	774	1070	891	743	340	341	269	251	9168
1976	11217	943	558	526	510	514	569	803	684	682	558	340	303	205	7195
1977	10275	1050	683	525	500	555	592	756	589	600	537	421	270	256	7334
1978	8926	1034	581	500	511	500	548	628	605	587	455	416	368	236	6969
1979	8168	961	544	455	432	461	459	620	461	528	408	380	334	302	6343
1980	7778	924	518	426	393	389	423	519	455	402	367	340	305	274	5736
1981	7481	879	498	406	368	355	358	478	381	397	279	306	273	250	5229
1982	7120	864	474	390	351	332	326	404	351	333	276	233	246	224	4804
1983	6996	869	466	372	337	316	305	368	297	306	231	230	187	201	4487

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.077	.464	.823	.842	.850	.832	1.096	.765	.850	.482	.810	.655	.797
1975-76	.074	.415	.639	.689	.668	.701	1.037	.639	.765	.751	1.000	.889	.762
1976-77	.050	.724	.941	.951	1.088	1.152	1.329	.733	.877	.787	.754	.794	.845
1977-78	.066	.553	.732	.973	1.000	.987	1.061	.800	.997	.758	.775	.874	.874
1978-79	.065	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.067	.539	.784	.864	.902	.918	1.131	.734	.872	.695	.835	.803	.819

MAGNET SCHOOL CONTRIBUTION RATIO

.119	.120	.129	.169	.158	.144	.103	.273	.252	.537	.519	.505	.521

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 4															
1974	11646	1297	628	618	682	711	681	592	527	379	791	754	653	566	8879
1975	11057	1315	627	606	627	685	674	731	549	504	397	524	383	463	8085
1976	11217	1183	594	537	515	558	619	641	502	464	417	296	307	267	6900
1977	10275	1108	589	472	509	491	499	658	525	478	352	298	224	277	6480
1978	8926	966	497	492	447	481	515	536	530	525	398	289	244	202	6122
1979	8168	915	452	429	462	424	456	536	434	497	455	293	193	196	5742
1980	7778	880	430	390	403	438	402	475	434	407	431	335	195	155	5375
1981	7481	837	414	371	366	382	416	418	384	407	353	317	223	157	5047
1982	7120	823	394	357	349	347	363	433	339	361	353	260	212	179	4768
1983	6996	828	387	340	336	331	330	377	350	318	313	260	173	170	4511

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.054	.483	.965	1.015	1.004	.948	1.073	.927	.956	1.047	.662	.508	.709
1975-76	.057	.452	.856	.850	.890	.904	.951	.687	.845	.827	.746	.586	.697
1976-77	.053	.498	.795	.948	.953	.894	1.063	.819	.952	.759	.715	.757	.902
1977-78	.057	.449	.835	.947	.945	1.049	1.074	.805	1.000	.833	.821	.819	.902
1978-79	.056	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.055	.470	.863	.940	.948	.949	1.040	.810	.938	.867	.736	.667	.803

MAGNET SCHOOL CONTRIBUTION RATIO

.082	.113	.126	.130	.113	.114	.126	.282	.206	.460	.553	.532	.500

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 5															
1974	11646	2068	1326	1341	1390	1336	1367	1048	1101	1077	1339	1020	829	678	15920
1975	11057	2042	1262	1182	1218	1223	1205	1417	1011	895	885	778	619	512	14249
1976	11217	1177	1297	1101	1116	1110	1189	1190	1141	865	896	741	609	481	12913
1977	10275	1584	1288	1000	1029	975	1051	1259	1058	1027	699	624	491	443	12528
1978	8926	1556	1269	1006	952	974	964	1085	1009	908	745	553	473	332	11826
1979	8168	1211	998	1052	940	860	928	992	939	864	762	541	389	331	10806
1980	7778	1165	951	828	983	849	819	954	858	804	725	553	380	272	10141
1981	7481	1108	914	788	774	888	809	842	826	735	675	527	389	266	9540
1982	7120	1089	870	758	737	698	846	832	729	707	617	490	370	272	9015
1983	6996	1096	855	721	709	665	665	870	720	624	594	448	344	259	8570

RATIOS	8-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.114	.610	.891	.908	.880	.902	1.037	.965	.813	.822	.581	.607	.618
1975-76	.114	.635	.872	.944	.911	.972	.988	.805	.856	1.001	.837	.783	.777
1976-77	.116	1.094	.771	.935	.874	.947	1.059	.869	.900	.808	.696	.663	.727
1977-78	.125	.801	.781	.952	.947	.989	1.032	.801	.858	.725	.791	.758	.676
1978-79	.142	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.122	.785	.829	.935	.903	.952	1.029	.865	.857	.839	.726	.703	.700

MAGNET SCHOOL CONTRIBUTION RATIO

.074	.072	.097	.098	.116	.126	.152	.234	.225	.491	.531	.514	.517

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 6															
1974	11646	1267	918	905	928	905	941	634	522	485	622	786	265	440	9618
1975	11057	1202	918	874	803	877	902	935	821	523	464	408	365	143	9235
1976	11217	1123	805	689	696	664	765	701	727	634	480	503	260	228	8275
1977	10275	1025	759	602	617	621	642	738	673	674	368	217	314	149	7399
1978	8926	940	707	554	540	553	587	694	661	605	390	269	232	179	6911
1979	8168	872	632	562	481	481	523	560	682	595	459	285	188	134	6453
1980	7778	839	602	502	489	429	454	499	550	613	451	335	199	108	6070
1981	7481	798	579	478	436	435	405	434	490	495	465	330	234	115	5694
1982	7120	784	551	460	416	389	411	387	426	441	375	340	230	135	5344
1983	6996	789	541	438	400	370	367	392	380	383	334	274	238	133	5039

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.079	.725	.952	.887	.945	.997	.994	1.295	1.002	.957	.656	.464	.540
1975-76	.083	.670	.751	.796	.827	.872	.777	.778	.772	.918	1.084	.637	.625
1976-77	.072	.676	.748	.896	.892	.967	.965	.960	.927	.580	.452	.624	.573
1977-78	.074	.690	.730	.897	.896	.945	1.081	.896	.899	.579	.731	1.069	.570
1978-79	.079	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.077	.690	.795	.869	.890	.945	.954	.982	.900	.758	.731	.699	.577
MAGNET SCHOOL CONTRIBUTION RATIO													
		.070	.092	.089	.107	.095	.093	.122	.183	.141	.578	.610	.567	.533

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 7															
1974	11646	1171	841	702	696	700	696	550	480	365	246	322	284	259	7312
1975	11057	1027	669	681	633	637	626	662	607	537	409	325	428	405	7646
1976	11217	763	660	596	576	596	601	586	497	446	417	317	238	260	6553
1977	10275	794	730	593	542	546	557	633	458	453	317	259	225	199	6306
1978	8926	781	626	582	543	512	504	522	477	415	348	336	288	212	6146
1979	8168	700	544	532	520	509	473	489	442	438	350	329	326	274	5925
1980	7778	673	518	462	475	487	470	459	414	406	369	331	319	311	5693
1981	7481	640	498	439	412	445	450	456	389	380	343	349	321	304	5426
1982	7120	629	474	423	393	386	411	436	386	357	321	324	339	306	5184
1983	6996	633	466	402	378	368	357	399	370	355	301	303	314	323	4967
RATIOS	8-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12		
1974-75	.072	.571	.810	.902	.915	.894	.951	1.104	1.119	1.121	1.321	1.329	1.426		
1975-76	.061	.643	.891	.846	.942	.943	.936	.751	.735	.777	.775	.732	.607		
1976-77	.059	.957	.898	.909	.948	.935	1.053	.782	.911	.711	.621	.710	.836		
1977-78	.071	.788	.797	.916	.945	.923	.937	.754	.906	.768	1.060	1.112	.942		
1978-79	.070	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
AVERAGES FOR SURVIVAL RATIOS															
	.067	.740	.849	.893	.937	.924	.969	.847	.918	.844	.944	.971	.953		
MAGNET SCHOOL CONTRIBUTION RATIO															
		.087	.102	.096	.110	.114	.117	.198	.295	.311	.546	.514	.521	.546	

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 8															
1974	11646	532	351	365	355	391	392	369	262	180	422	448	369	325	4761
1975	11057	569	317	309	335	307	367	472	422	336	307	331	345	310	4747
1976	11217	501	326	311	313	313	254	370	382	333	272	249	291	298	4213
1977	10275	531	327	281	292	297	300	304	309	330	404	256	217	243	4091
1978	8926	477	296	284	253	286	280	322	296	318	428	359	233	180	4012
1979	8168	403	250	266	268	236	262	314	303	293	400	366	308	196	3864
1980	7778	388	238	224	251	249	216	294	295	300	369	342	314	259	3739
1981	7481	369	229	214	211	233	229	242	276	292	377	316	293	265	3547
1982	7120	363	218	205	201	197	214	256	228	274	367	323	271	247	3364
1983	6996	365	214	195	194	188	181	240	241	226	344	315	277	228	3206

RATIOS	B-1	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.030	.596	.880	.918	.865	.939	1.204	1.144	1.282	1.706	.784	.770	.840
1975-76	.029	.553	.981	1.013	.934	.827	1.008	.809	.789	.810	.811	.879	.864
1976-77	.029	.653	.862	.939	.949	.958	1.197	.835	.864	1.213	.941	.871	.835
1977-78	.032	.557	.869	.900	.979	.943	1.073	.974	1.029	1.297	.889	.910	.829
1978-79	.033	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.031	.590	.898	.943	.932	.917	1.121	.940	.991	1.256	.856	.858	.842
MAGNET SCHOOL CONTRIBUTION RATIO													
		.169	.116	.113	.109	.128	.136	.088	.142	.141	.270	.195	.234	.167

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 9															
1974	11646	828	472	469	473	450	416	614	1253	1026	1915	1958	1919	1588	13381
1975	11057	762	538	559	568	588	539	450	1233	1022	2668	2951	2473	1804	16155
1976	11217	1074	700	743	737	774	877	551	1264	1253	2912	2264	2358	1834	17341
1977	10275	845	610	684	773	780	818	792	1379	1252	3664	3154	2320	1944	19015
1978	8926	928	658	637	702	731	760	772	1496	1224	3500	3056	2460	1675	18599
1979	8168	813	556	615	662	660	710	742	1321	1227	3306	3178	2473	1883	18146
1980	7778	782	530	521	643	622	651	693	1270	1084	3316	3006	2577	1898	17593
1981	7481	745	510	496	544	605	614	636	1186	1043	2930	3016	2438	1978	16738
1982	7120	732	485	477	518	512	597	600	1088	973	2818	2664	2445	1871	15780
1983	6996	736	477	454	498	487	505	583	1027	893	2631	2562	2161	1877	14890

* NOTE: NO SURVIVAL RATIOS ARE PRINTED
SINCE THIS IS THE MAGNET DISTRICT

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** RUN TOTALS															
1974	11646	11108	6867	6639	6795	6728	6884	6438	6111	5249	6446	6572	5292	4678	85805
1975	11057	10191	6371	6067	6016	6221	6192	7220	6755	5544	6157	6210	5432	4556	82932
1976	11217	8423	6180	5508	5496	5486	5864	6029	6440	5726	6726	5419	4883	4000	76180
1977	10275	8588	6173	5201	5223	5204	5339	6355	6110	5823	7134	5807	4501	3880	75338
1978	8926	8264	5702	4985	4887	4962	5062	5622	6089	5495	7100	5944	4856	3390	72358
1979	8168	7276	4921	4778	4604	4477	4654	5286	5499	5305	6839	6105	4736	3781	68262
1980	7778	6998	4686	4120	4418	4222	4208	4861	5169	4799	6687	5856	4865	3713	64602
1981	7481	6660	4507	3923	3804	4048	3971	4388	4768	4509	6026	5737	4656	3809	60806
1982	7120	6544	4289	3773	3623	3486	3811	4141	4307	4157	5711	5162	4567	3637	57210
1983	6996	6585	4215	3591	3484	3320	3279	3975	4069	3752	5297	4903	4113	3568	54151

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Boston School Enrollment Projections

1979-80 through 1983-84

Public Schools

Actual Enrollments

Harbridge House, Inc.
1 July 1979

*** ACTUAL ENROLLMENTS

*** *** *** *** *** *** _ *** *** *** *** *** ***
*** *** *** *** *** *** _ *** *** *** *** *** ***

DISTRICT NUMBER 1

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	474	350	383	357	313	350	483	458	377	321	329	238	282	4714
1980	7778	456	333	322	358	296	303	466	434	370	292	304	243	256	4433
1981	7481	434	320	306	301	297	287	403	419	351	287	277	224	261	4168
1982	7120	426	305	295	287	250	288	381	362	338	272	272	205	241	3922
1983	6996	429	299	280	276	238	242	383	342	292	263	258	201	220	3724
ACTUAL/ASSIGNED RATIO															
		.868	.852	.948	.988	.914	.948	.953	.991	.925	.820	.905	.786	.966	

DISTRICT NUMBER 2

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	763	494	455	443	481	459	533	452	463	206	269	154	121	5295
1980	7778	734	470	420	389	413	439	484	451	388	201	202	184	121	4897
1981	7481	699	452	400	359	362	376	463	411	387	169	197	138	144	4557
1982	7120	687	430	384	342	334	330	397	393	352	168	165	135	108	4226
1983	6996	691	423	366	329	318	305	349	337	337	153	165	113	106	3990
ACTUAL/ASSIGNED RATIO															
		.892	.923	.982	.929	.951	.969	1.011	.991	1.017	.666	.728	.693	.704	

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DISTRICT NUMBER 3

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	869	492	441	407	458	452	697	459	545	431	341	272	280	6144
1980	7778	836	469	413	371	387	417	584	453	415	388	305	248	254	5539
1981	7481	796	451	393	347	353	352	538	380	410	296	274	223	232	5043
1982	7120	782	429	378	330	330	321	455	350	343	292	209	200	208	4626
1983	6996	786	422	360	318	314	300	414	296	316	244	206	153	187	4316
ACTUAL/ASSIGNED RATIO															
		.905	.905	.969	.942	.994	.985	1.124	.996	1.032	1.058	.897	.814	.928	

DISTRICT NUMBER 4

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	922	425	406	476	419	451	552	388	424	229	235	170	209	5305
1980	7778	886	405	370	415	433	397	489	387	347	217	268	172	165	4953
1981	7481	844	389	352	377	378	411	431	343	347	178	254	197	167	4668
1982	7120	829	371	338	359	343	358	446	302	307	178	208	187	191	4418
1983	6996	834	364	322	346	327	326	388	313	271	157	208	153	181	4190
ACTUAL/ASSIGNED RATIO															
		1.008	.941	.948	1.030	.988	.988	1.030	.893	.852	.503	.802	.881	1.068	

DISTRICT NUMBER 5

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	1132	821	998	944	841	954	987	916	814	623	519	355	354	10256
1980	7778	1089	782	785	987	831	842	949	837	757	593	530	347	291	9620
1981	7481	1036	752	748	777	869	831	838	805	692	552	505	355	284	9044
1982	7120	1018	716	719	740	683	869	828	711	666	504	470	338	291	8553
1983	6996	1025	703	684	711	651	684	865	702	588	485	429	314	277	8120
ACTUAL/ASSIGNED RATIO															
		.935	.823	.949	1.004	.978	1.028	.995	.976	.942	.817	.958	.913	1.069	

1979	8168	834	539	570	505	497	556	512	638	546	321	264	169	116	6068
1980	7778	802	514	509	513	443	484	456	515	563	315	310	179	94	5697
1981	7481	764	494	485	458	450	431	397	458	455	325	305	210	100	5331
1982	7120	750	470	466	436	402	437	354	398	405	262	315	207	117	5020
1983	6996	755	462	444	420	383	391	359	355	352	234	254	213	115	4736
ACTUAL/ASSIGNED RATIO															
		.957	.854	1.013	1.049	1.034	1.064	.915	.935	.918	.699	.926	.898	.868	

DISTRICT NUMBER 7

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	570	473	484	482	504	475	460	381	395	257	226	224	242	5171
1980	7778	548	450	421	440	482	472	431	357	366	271	227	219	274	4958
1981	7481	522	433	400	382	440	452	429	335	343	251	240	220	268	4715
1982	7120	513	412	385	364	382	413	410	333	322	235	222	232	269	4493
1983	6996	516	405	367	350	364	359	375	319	320	221	208	216	284	4302
ACTUAL/ASSIGNED RATIO															
		.815	.870	.911	.926	.990	1.005	.941	.862	.902	.734	.687	.686	.881	

DISTRICT NUMBER 8

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	390	219	260	292	236	253	311	325	290	308	270	309	253	3716
1980	7778	375	209	219	274	250	209	291	316	297	284	252	316	334	3625
1981	7481	357	201	209	231	234	221	240	296	289	290	232	295	341	3436
1982	7120	351	191	201	220	197	207	254	244	271	283	238	272	318	3246
1983	6996	353	188	191	211	188	175	238	258	223	265	232	278	294	3093
ACTUAL/ASSIGNED RATIO															
		.967	.878	.977	1.092	1.001	.967	.991	1.072	.988	.770	.736	1.004	1.289	

DISTRICT NUMBER 9

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	744	504	631	648	657	735	613	1150	1180	2809	2655	2194	1867	16387
1980	7778	716	480	534	630	620	674	572	1106	1043	2818	2511	2287	1882	15872
1981	7481	681	462	509	533	603	636	525	1032	1003	2489	2519	2163	1961	15115
1982	7120	669	439	489	508	510	618	495	947	936	2394	2226	2170	1855	14256
1983	6996	674	432	466	488	486	523	481	894	859	2235	2140	1917	1860	13455
ACTUAL/ASSIGNED RATIO															
		.915	.906	1.026	.980	.997	1.036	.825	.871	.962	.850	.835	.887	.991	

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** RUN	TOTALS														
1979	8168	6699	4318	4628	4555	4406	4686	5146	5166	5034	5504	5106	4085	3724	63056
1980	7778	6443	4111	3992	4376	4155	4236	4723	4856	4547	5379	4910	4195	3670	59594
1981	7481	6132	3954	3801	3765	3985	3998	4263	4479	4276	4837	4804	4025	3758	56078
1982	7120	6025	3764	3656	3586	3432	3841	4019	4040	3941	4589	4325	3945	3599	52761
1983	6996	6062	3698	3480	3449	3269	3304	3851	3815	3558	4257	4101	3557	3524	49925

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Boston School Enrollment Projections

1979-80 through 1983-84

Public Schools

Bilingual Enrollments

Harbridge House, Inc.
1 July 1979

*** BILINGUAL ENROLLMENT

*** *** *** *** *** *** _ *** *** *** *** *** ***
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DISTRICT NUMBER 1

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	82	69	80	54	55	58	44	51	42	46	29	35	51	696
1980	7778	79	66	68	54	52	50	42	48	41	42	26	36	46	651
1981	7481	75	63	64	46	53	47	36	47	39	41	24	33	47	616
1982	7120	74	60	62	43	44	48	34	40	38	39	24	30	43	580
1983	6996	75	59	59	42	42	40	35	38	33	38	22	30	39	551
NUMBER/ASSIGNED															
		.151	.168	.199	.149	.162	.157	.086	.111	.103	.118	.079	.117	.173	

DISTRICT NUMBER 2

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	93	84	61	51	63	54	49	47	49	34	33	22	22	660
1980	7778	89	80	56	44	54	51	44	47	41	33	25	26	21	612
1981	7481	85	77	53	41	47	44	43	43	41	28	24	20	26	570
1982	7120	83	73	51	39	44	39	36	41	37	28	21	19	19	530
1983	6996	84	72	49	38	42	36	32	35	36	25	20	16	19	502
NUMBER/ASSIGNED															
		.108	.157	.131	.106	.125	.113	.093	.103	.107	.109	.090	.098	.125	

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	43	36	28	34	21	24	30	33	30	11	15	18	10	332
1980	7778	41	34	26	31	18	22	25	32	23	10	13	17	9	301
1981	7481	39	33	25	29	16	19	23	27	22	7	12	15	8	276
1982	7120	38	31	24	27	15	17	19	25	19	7	9	13	8	254
1983	6996	39	30	23	26	15	16	18	21	17	6	9	10	7	237

NUMBER/ASSIGNED

.044	.065	.062	.078	.046	.053	.048	.071	.056	.026	.038	.054	.034	

DISTRICT NUMBER 4

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	13	2	0	0	1	0	0	0	0	0	0	0	0	16
1980	7778	13	2	0	0	1	0	0	0	0	0	0	0	0	15
1981	7481	12	2	0	0	1	0	0	0	0	0	0	0	0	15
1982	7120	12	2	0	0	1	0	0	0	0	0	0	0	0	14
1983	6996	12	2	0	0	1	0	0	0	0	0	0	0	0	14

NUMBER/ASSIGNED

.014	.004	.000	.000	.002	.000	.000	.000	.000	.000	.000	.000	.000	

DISTRICT NUMBER 5

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	48	71	70	57	56	62	52	47	22	0	0	1	0	486
1980	7778	46	67	55	60	56	54	50	43	20	0	0	1	0	453
1981	7481	44	65	52	47	58	54	44	41	19	0	0	1	0	425
1982	7120	43	62	50	45	46	56	44	36	18	0	0	1	0	401
1983	6996	44	61	48	43	44	44	46	36	16	0	0	1	0	381

NUMBER/ASSIGNED

.040	.071	.067	.061	.066	.066	.053	.050	.025	.000	.000	.002	.000	

DISTRICT NUMBER 6

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	43	82	47	45	50	42	47	47	53	15	17	14	1	503
1980	7778	41	78	42	46	44	36	42	38	55	15	20	15	1	473
1981	7481	39	75	40	41	45	32	36	34	44	16	20	17	1	441
1982	7120	38	72	38	39	40	33	32	30	39	13	20	17	2	413
1983	6996	39	70	36	38	38	29	33	26	34	11	16	17	1	390

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	155	113	101	101	75	67	58	53	40	66	67	57	41	994
1980	7778	149	107	88	93	71	66	54	49	37	70	67	55	47	955
1981	7481	142	103	84	80	65	63	54	46	35	65	71	56	46	911
1982	7120	139	98	81	77	57	58	52	46	33	61	65	59	46	872
1983	6996	140	97	77	74	54	50	47	44	32	57	61	55	49	837
NUMBER/ASSIGNED															
		.222	.208	.191	.195	.146	.141	.119	.119	.092	.190	.202	.174	.151	

DISTRICT NUMBER 8

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	22	27	27	28	19	33	17	37	18	38	35	22	14	337
1980	7778	21	26	23	26	20	27	16	36	19	35	32	23	19	322
1981	7481	20	25	22	22	19	29	13	34	18	36	30	21	19	307
1982	7120	20	24	21	21	16	27	14	28	17	35	31	20	18	289
1983	6996	20	23	20	20	15	23	13	29	14	33	30	20	16	276
NUMBER/ASSIGNED															
		.055	.108	.102	.103	.080	.125	.053	.122	.063	.096	.095	.073	.072	

DISTRICT NUMBER 9

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	45	52	66	63	58	68	59	37	43	115	163	133	111	1013
1980	7778	43	50	56	61	54	63	55	36	38	116	154	138	112	976
1981	7481	41	48	53	52	53	59	50	33	37	102	155	131	117	931
1982	7120	40	46	51	49	45	57	47	31	34	98	137	131	111	877
1983	6996	40	45	48	48	43	49	46	29	31	92	132	116	111	829
NUMBER/ASSIGNED															
		.055	.094	.107	.095	.088	.096	.079	.028	.035	.035	.051	.054	.059	

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** RUN	TOTALS														
1979	8168	544	536	480	433	398	407	354	351	297	326	358	302	251	5036
1980	7778	523	510	413	415	371	370	328	329	274	321	338	311	256	4759
1981	7481	498	491	393	358	357	347	299	305	255	295	335	294	264	4491
1982	7120	489	467	378	341	307	334	279	276	235	281	306	290	246	4230
1983	6996	492	459	360	328	293	287	269	259	213	262	291	265	243	4018

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Boston School Enrollment Projections

1979-80 through 1983-84

Public Schools

Special Needs Enrollments

Harbridge House, Inc.
1 July 1979

*** SPECIAL NEEDS ENROLLMENT

*** *** *** *** *** *** _ *** *** *** *** *** *** ***
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DISTRICT NUMBER 1

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	9	29	48	60	74	66	110	98	73	52	40	20	15	694
1980	7778	9	28	41	60	70	57	106	93	72	47	37	20	14	653
1981	7481	8	27	39	50	71	54	92	90	68	46	34	19	14	610
1982	7120	8	26	37	48	59	54	87	78	66	44	33	17	13	569
1983	6996	8	25	35	46	57	45	87	73	57	42	31	17	12	536
NUMBER/ASSIGNED		.017	.072	.119	.165	.217	.178	.217	.213	.179	.132	.110	.066	.051	

DISTRICT NUMBER 2

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	10	25	56	100	120	124	109	69	73	29	20	8	15	759
1980	7778	10	24	52	88	103	118	99	69	61	28	15	9	15	692
1981	7481	9	23	49	81	91	101	95	63	61	23	15	7	18	637
1982	7120	9	22	47	77	84	89	81	60	56	23	12	7	13	581
1983	6996	9	21	45	74	80	82	71	52	53	21	12	6	13	540
NUMBER/ASSIGNED		.012	.047	.121	.210	.238	.261	.206	.152	.161	.092	.055	.036	.088	

DISTRICT NUMBER 3

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	33	53	104	93	116	111	147	106	96	64	48	26	27	1025
1980	7778	32	51	97	85	98	102	123	105	73	57	43	24	24	915
1981	7481	31	49	93	79	89	86	113	88	72	44	39	22	22	827
1982	7120	30	47	89	75	84	78	96	81	61	43	30	19	20	753
1983	6996	30	46	85	73	80	73	87	68	56	36	29	15	18	696
NUMBER/ASSIGNED															
		.035	.098	.228	.215	.252	.241	.237	.230	.182	.156	.127	.079	.089	

DISTRICT NUMBER 4

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	17	25	32	72	67	87	73	88	71	66	43	40	32	714
1980	7778	16	24	29	63	69	77	65	88	58	63	49	40	25	667
1981	7481	16	23	28	57	60	79	57	78	58	51	46	46	26	626
1982	7120	15	22	27	55	55	69	59	69	52	51	38	43	29	584
1983	6996	15	22	26	53	52	63	51	71	45	46	38	36	28	545
NUMBER/ASSIGNED															
		.019	.056	.075	.157	.158	.190	.136	.204	.143	.146	.145	.205	.163	

DISTRICT NUMBER 5

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	16	66	154	166	205	182	209	157	119	98	61	44	31	1508
1980	7778	15	63	121	174	202	160	201	144	111	93	62	43	25	1415
1981	7481	14	61	115	137	211	159	178	136	101	87	59	44	25	1329
1982	7120	14	58	111	130	166	166	176	122	97	79	55	42	25	1242
1983	6996	14	57	105	125	158	130	184	121	86	76	50	39	24	1170
NUMBER/ASSIGNED															
		.013	.066	.146	.176	.238	.196	.211	.167	.138	.129	.112	.114	.093	

DISTRICT NUMBER 6

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	18	60	108	98	128	122	122	156	86	75	44	20	13	1049
1980	7778	17	57	96	100	114	106	109	126	88	74	52	21	10	970
1981	7481	16	55	92	89	116	95	94	112	71	76	51	25	11	903
1982	7120	16	52	88	85	103	96	84	97	63	62	53	25	13	837
1983	6996	16	51	84	81	98	86	85	87	55	55	43	26	13	780

DISTRICT NUMBER 7

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	11	35	78	82	99	83	86	63	56	51	38	29	14	726
1980	7778	10	33	67	75	95	82	81	59	52	54	38	29	16	692
1981	7481	10	32	64	65	87	79	80	55	49	50	40	29	16	656
1982	7120	10	30	62	62	75	72	77	55	46	47	38	31	16	620
1983	6996	10	30	59	60	72	62	70	53	45	44	35	28	17	585
NUMBER/ASSIGNED															
		.015	.064	.146	.158	.195	.175	.176	.143	.128	.147	.116	.090	.052	

DISTRICT NUMBER 8

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	8	21	51	57	61	64	84	64	45	53	42	30	23	605
1980	7778	8	20	43	53	65	52	78	63	46	49	39	31	30	579
1981	7481	8	19	41	45	60	56	65	59	45	50	36	29	31	544
1982	7120	8	18	40	43	51	52	68	48	42	49	37	27	29	512
1983	6996	8	18	38	41	49	44	64	51	35	46	36	27	27	483
NUMBER/ASSIGNED															
		.021	.084	.194	.213	.259	.243	.267	.213	.154	.133	.114	.099	.117	

DISTRICT NUMBER 9

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
1979	8168	24	68	96	137	150	152	135	124	103	315	255	142	101	1800
1980	7778	23	64	81	133	141	140	126	119	91	316	241	148	102	1725
1981	7481	22	62	77	112	137	132	115	111	88	280	242	140	106	1623
1982	7120	21	59	74	107	116	128	109	102	82	269	214	140	101	1521
1983	6996	21	58	71	103	111	108	106	96	75	251	205	124	101	1430
NUMBER/ASSIGNED															
		.029	.122	.155	.207	.227	.214	.181	.094	.084	.095	.080	.057	.054	

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** RUN TOTALS															
1979	8168	146	383	726	865	1021	989	1074	926	722	804	591	360	271	8878
1980	7778	140	364	628	830	958	894	988	865	653	782	577	366	262	8308
1981	7481	134	350	598	716	923	839	889	794	613	708	562	361	268	7756
1982	7120	131	333	575	682	794	804	837	712	564	667	509	351	259	7219
1983	6996	132	328	547	656	756	694	806	672	507	617	480	317	251	6765

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Boston School Enrollment Projections

1979-80 through 1983-84

Non-Public Schools

Assigned Enrollments

Harbridge House, Inc.
1 July 1979

YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
** DISTRICT NUMBER= 1															
1974	11646	53	205	226	254	277	317	369	379	313	397	429	401	344	3964
1975	11057	41	231	216	285	283	318	367	358	381	350	378	423	392	4023
1976	11217	39	243	235	244	290	298	344	368	362	437	362	366	423	4011
1977	10275	70	225	236	223	232	303	343	326	355	422	419	328	355	3837
1978	8926	49	200	200	221	216	241	330	315	320	422	415	384	327	3640
1979	8168	34	171	197	214	224	231	270	317	312	370	414	392	379	3524
1980	7778	33	163	168	210	217	240	259	259	314	360	363	391	386	3363
1981	7481	31	156	160	179	213	232	269	249	257	362	354	343	386	3190
1982	7120	31	149	154	171	182	228	260	258	246	296	356	334	338	3002
1983	6996	31	146	146	164	173	194	255	249	255	285	291	336	330	2856

RATIOS	B-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.018	4.358	1.054	1.261	1.114	1.148	1.158	.970	1.005	1.118	.952	.986	.978
1975-76	.021	5.927	1.017	1.130	1.018	1.053	1.082	1.003	1.011	1.147	1.034	.968	1.000
1976-77	.022	5.769	.971	.949	.951	1.045	1.151	.948	.965	1.166	.959	.906	.970
1977-78	.022	2.857	.889	.936	.969	1.039	1.089	.918	.982	1.189	.983	.916	.997
1978-79	.022	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.021	4.728	.983	1.069	1.013	1.071	1.120	.960	.991	1.155	.982	.944	.986

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 2															
1974	11646	77	124	129	117	132	140	156	109	92	0				1076
1975	11057	115	106	99	90	108	102	135	116	75	0				946
1976	11217	128	98	106	103	95	100	99	118	94	0				941
1977	10275	62	98	91	96	84	79	98	85	68	0				761
1978	8926	131	96	95	82	107	93	87	85	83	0				859
1979	8168	67	80	89	84	80	97	93	73	65	0				728
1980	7778	65	77	74	79	82	73	98	78	55	0				681
1981	7481	62	74	71	66	77	75	73	82	60	0				640
1982	7120	61	70	68	63	64	70	75	61	62	0				594
1983	6996	61	69	65	60	61	59	70	63	47	0				555

RATIOS	8-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
974-75	.011	1.377	.798	.698	.923	.773	.964	.744	.688				
975-76	.010	.852	1.000	1.040	1.056	.926	.971	.874	.810				
976-77	.009	.766	.929	.906	.816	.832	.980	.859	.576				
977-78	.010	1.548	.969	.901	1.115	1.107	1.101	.867	.976				
978-79	.011	.000	.000	.000	.000	.000	.000	.000	.000				
AVERAGES FOR SURVIVAL RATIOS													
	.010	1.136	.924	.886	.977	.909	1.004	.836	.763				

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 3															
1974	11646	56	312	298	328	319	285	332	334	294	495	532	466	476	4527
1975	11057	48	326	325	318	327	326	289	343	329	471	482	522	457	4563
1976	11217	25	339	341	342	342	348	349	330	366	503	440	462	500	4687
1977	10275	25	345	337	343	336	347	352	330	322	549	482	406	453	4627
1978	8926	32	305	330	337	338	338	345	320	325	519	533	447	390	4559
1979	8168	25	252	308	340	340	347	346	348	321	507	498	505	434	4570
1980	7778	24	240	254	318	344	349	355	348	349	501	487	472	490	4530
1981	7481	23	231	242	262	321	353	357	357	349	544	481	461	458	4439
1982	7120	22	220	233	250	265	329	361	360	359	545	522	455	447	4368
1983	6996	22	216	222	240	252	272	337	364	361	560	523	495	442	4305
RATIOS	8-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12		
1974-75	.027	5.821	1.042	1.067	.997	1.022	1.014	1.033	.985	1.602	.974	.981	.981		
1975-76	.029	7.063	1.046	1.052	1.075	1.064	1.071	1.142	1.067	1.529	.934	.959	.958		
1976-77	.030	13.800	.994	1.006	.982	1.015	1.011	.946	.976	1.500	.958	.923	.981		
1977-78	.034	12.200	.957	1.000	.985	1.006	.994	.909	.985	1.612	.971	.927	.961		
1978-79	.034	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
AVERAGES FOR SURVIVAL RATIOS															
	.031	9.721	1.010	1.031	1.010	1.027	1.023	1.007	1.003	1.561	.959	.947	.970		

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 4															
1974	11646	21	123	128	136	138	132	169	174	178	0				1199
1975	11057	17	126	133	129	137	136	135	158	166	0				1137
1976	11217	17	151	139	144	135	160	162	165	198	0				1271
1977	10275	18	144	150	142	145	139	180	145	169	0				1232
1978	8926	16	112	105	115	105	104	113	122	101	0				893
1979	8168	13	101	109	102	109	102	108	105	120	0				869
1980	7778	13	96	99	106	97	107	106	101	103	0				828
1981	7481	12	93	94	96	101	94	111	99	99	0				799
1982	7120	12	88	91	91	91	98	98	103	97	0				769
1983	6996	12	87	86	88	87	89	102	91	101	0				743

RATIOS	B-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.011	6.000	1.081	1.008	1.007	.986	1.023	.935	.954				
1975-76	.011	8.882	1.103	1.083	1.047	1.168	1.191	1.222	1.253				
1976-77	.013	8.471	.993	1.022	1.007	1.030	1.125	.895	1.024				
1977-78	.014	6.222	.729	.767	.739	.717	.813	.678	.697				
1978-79	.013	.000	.000	.000	.000	.000	.000	.000	.000				
AVERAGES FOR SURVIVAL RATIOS													
	.012	7.394	.977	.970	.950	.975	1.038	.932	.982				

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
* DISTRICT NUMBER= 5															
1974	11646	88	505	471	506	516	567	569	531	421	151	164	150	159	4798
1975	11057	67	505	490	499	516	512	557	525	517	106	155	158	148	4755
1976	11217	95	489	469	463	498	506	504	513	508	149	103	149	155	4601
1977	10275	107	462	459	453	458	476	508	465	511	147	149	97	147	4439
1978	8926	97	454	429	436	447	450	459	475	435	140	144	154	97	4217
1979	8168	64	373	427	420	435	437	443	425	460	120	139	140	152	4037
1980	7778	62	355	351	419	420	426	430	410	411	127	119	136	139	3804
1981	7481	59	342	335	344	418	410	419	398	397	113	126	116	134	3612
1982	7120	58	325	322	328	344	409	404	387	385	109	113	123	115	3422
1983	6996	58	320	306	315	327	336	402	374	375	106	109	110	122	3261

TIOS	B-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
4-75	.043	5.739	.970	1.059	1.020	.992	.982	.923	.974	.252	1.026	.963	.987
5-76	.046	7.299	.929	.945	.998	.981	.984	.921	.968	.288	.972	.961	.981
6-77	.044	4.863	.939	.966	.989	.956	1.004	.923	.996	.289	1.000	.942	.987
7-78	.045	4.243	.929	.950	.987	.983	.964	.935	.935	.274	.980	1.034	1.000
8-79	.051	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ERAGES FOR SURVIVAL RATIOS													
	.046	5.536	.942	.980	.998	.978	.984	.925	.968	.276	.994	.975	.989

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 6															
1974	11646	64	388	364	375	385	393	416	406	315	688	713	616	605	5728
1975	11057	63	402	396	391	377	405	412	399	386	596	692	697	585	5801
1976	11217	61	383	334	353	337	357	384	406	389	727	578	634	639	5582
1977	10275	73	360	340	302	334	296	346	335	345	649	650	528	577	5135
1978	8926	108	347	329	325	307	304	306	292	324	692	587	564	464	4949
1979	8168	48	290	317	315	311	291	304	280	273	603	653	539	515	4740
1980	7778	46	276	265	303	301	295	291	278	262	509	569	600	493	4469
1981	7481	44	266	252	254	290	285	295	266	260	488	480	523	548	4252
1982	7120	43	253	243	241	243	275	285	270	249	485	460	441	478	3966
1983	6996	43	249	231	232	231	230	275	261	252	464	457	423	403	3752

RATIOS	B-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.033	6.281	1.021	1.074	1.005	1.052	1.048	.959	.951	1.892	1.006	.978	.950
1975-76	.036	6.079	.831	.891	.862	.947	.948	.985	.975	1.883	.970	.916	.917
1976-77	.034	5.902	.888	.904	.946	.878	.969	.872	.850	1.668	.894	.913	.910
1977-78	.035	4.753	.914	.956	1.017	.910	1.034	.844	.967	2.006	.904	.868	.879
1978-79	.039	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.036	5.754	.913	.956	.957	.947	1.000	.915	.936	1.862	.944	.919	.914

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** DISTRICT NUMBER= 7															
1974	11646	129	187	173	173	196	175	195	184	171	565	542	566	504	3760
1975	11057	125	183	184	172	170	186	179	174	182	602	663	647	644	4111
1976	11217	109	209	209	199	197	190	206	182	187	623	515	603	601	4030
1977	10275	117	187	193	194	180	187	182	179	175	612	572	495	562	3835
1978	8926	83	184	182	186	192	176	186	164	169	624	625	590	524	3885
1979	8168	88	147	185	181	187	192	180	171	163	582	619	640	598	3933
1980	7778	84	140	148	184	182	187	196	165	170	561	578	634	649	3876
1981	7481	80	135	141	147	185	181	191	180	164	585	556	592	643	3779
1982	7120	79	128	136	140	148	184	185	175	179	565	580	570	600	3668
1983	6996	79	126	129	134	141	147	188	170	174	615	561	594	578	3637

RATIOS	B-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1974-75	.016	1.419	.984	.994	.983	.949	1.023	.892	.989	3.520	1.173	1.194	1.138
1975-76	.017	1.672	1.142	1.082	1.145	1.118	1.108	1.017	1.075	3.423	.855	.910	.929
1976-77	.019	1.716	.923	.928	.905	.949	.958	.869	.962	3.273	.918	.961	.932
1977-78	.018	1.573	.973	.964	.990	.978	.995	.901	.944	3.566	1.021	1.031	1.059
1978-79	.021	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
AVERAGES FOR SURVIVAL RATIOS													
	.018	1.595	1.006	.992	1.006	.998	1.021	.920	.992	3.445	.992	1.024	1.014

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
* DISTRICT NUMBER= 8															
1974	11646	24	130	100	101	137	128	149	146	110	114	78	82	111	1410
1975	11057	24	118	120	112	118	152	128	152	150	135	100	76	81	1466
1976	11217	44	117	107	119	106	119	151	122	146	134	118	98	73	1454
1977	10275	30	117	107	107	109	105	119	153	120	104	130	111	92	1404
1978	8926	27	107	105	109	95	110	106	118	141	130	103	122	106	1379
1979	8168	22	91	97	108	107	98	110	105	115	138	121	99	117	1328
1980	7778	21	87	83	101	106	110	98	109	103	112	128	116	95	1268
1981	7481	20	83	79	85	99	109	110	97	107	100	104	123	111	1228
1982	7120	19	79	76	81	84	101	109	109	95	104	93	100	118	1170
1983	6996	20	78	72	78	80	86	102	109	106	93	97	89	96	1105

TIOS	8-1	1-K	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
74-75	.011	4.917	.923	1.120	1.168	1.109	1.000	1.020	1.027	1.227	.877	.974	.988
75-76	.011	4.875	.907	.992	.946	1.008	.993	.953	.961	.893	.674	.980	.961
76-77	.010	2.659	.915	1.000	.916	.991	1.000	1.013	.984	.712	.970	.941	.939
77-78	.011	3.567	.897	1.019	.888	1.009	1.010	.992	.922	1.083	.990	.938	.955
78-77	.012	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ERAGES FOR SURVIVAL RATIOS													
	.011	4.004	.910	1.033	.980	1.029	1.001	.995	.973	.979	.928	.958	.961

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YEAR	BIRTH	K	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
*** RUN TOTALS															
1974	11646	512	1974	1889	1990	2100	2137	2355	2263	1894	2410	2458	2281	2199	26462
1975	11057	500	1997	1963	1996	2036	2137	2202	2225	2186	2260	2470	2523	2307	26802
1976	11217	518	2029	1940	1967	2000	2078	2199	2204	2250	2573	2116	2312	2391	26577
1977	10275	502	1938	1913	1860	1878	1932	2128	2018	2065	2483	2402	1965	2186	25270
1978	8926	543	1805	1775	1811	1807	1816	1932	1891	1898	2527	2407	2261	1908	24381
1979	8168	361	1506	1729	1764	1794	1795	1853	1824	1828	2321	2444	2315	2195	23729
1980	7778	347	1434	1443	1719	1748	1786	1832	1748	1767	2170	2244	2348	2252	22838
1981	7481	331	1379	1374	1434	1703	1740	1824	1728	1692	2193	2101	2157	2280	21936
1982	7120	325	1313	1321	1365	1420	1695	1777	1724	1672	2105	2125	2023	2096	20961
1983	6996	327	1290	1258	1313	1352	1414	1731	1681	1672	2122	2038	2047	1970	20215

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